

Geometry 5.3 Assignment Answer Bank

Medians and altitudes of a triangle

22) The answer is given, you need to show your work.

$(-4, 1)$

$(-1, 0)$

$(0, -3)$

$3\sqrt{10} \approx 9.49$

5

$5\sqrt{10}$

6.5

10

12

13

$24 + 6\sqrt{41} \approx 62.42$

$$y = -x + 8$$

$$y = -3x - 3$$

$$y = -2x - 14$$

$$y = -\frac{1}{2}x$$

$$y = -\frac{1}{3}x - \frac{1}{3}$$

$$y = 3x - 21$$

2 Always, 1 sometimes, 1 never

Altitude

Angle bisector

$$\angle E \cong \angle H$$

$$\angle F \cong \angle J$$

Median

Perpendicular bisector